

071949-2404

Patent

**PENDING CLAIMS**

For the convenience of the Examiner, the pending claims are recited below:

1-29 (Cancelled)

30. (Previously added) A fluorescent particle, comprising:  
a first compound selected from the group consisting of silicon phthalocyanine bis(dimethylhexylvinylsilyloxide) and silicon phthalocyanine bis(trihexylsilyloxide); and  
a second compound that is a bis(dimethylhexylvinylsilyloxide)-substituted or bis(trihexylsilyloxide)-substituted phthalocyanine, naphthalocyanine, or anthranylcyanine derivative, or a bis(dimethylhexylvinylsilyloxide)-substituted or bis(trihexylsilyloxide)-substituted hybrid phthalocyanine derivative.
31. (Previously added) A fluorescent particle according to claim 30, wherein said particle is a latex particle.
32. (Previously added) A fluorescent particle according to claim 30, wherein said particle is a silica particle.
33. (Previously added) A fluorescent particle according to claim 30, wherein said first compound and said second compound are each bis(dimethylhexylvinylsilyloxide)-substituted compounds.
34. (Previously added) A fluorescent particle according to claim 30, wherein said first compound is silicon phthalocyanine bis(dimethylhexylvinylsilyloxide), and said second compound is silicon 2,3-naphthalocyanine bis(dimethylhexylvinylsilyloxide).
35. (Previously added) A fluorescent particle according to claim 30, wherein said first compound is silicon phthalocyanine bis(dimethylhexylvinylsilyloxide), and said second compound is silicon phthalocyanine bis(trihexylsilyloxide).
36. (Previously added) A fluorescent particle according to claim 30, wherein said first compound is silicon phthalocyanine bis(dimethylhexylvinylsilyloxide), and said second compound is silicon [di(1,6-diphenyl-2,3-naphthalocyanine)] (2,3-naphthalocyanine) (2,3-tert-butylphthalocyanine) bis(dimethylhexylvinylsilyloxide).

071949-2404

Patent

37. (Previously added) A fluorescent particle according to claim 30, wherein said first compound is silicon phthalocyanine bis(dimethylhexylvinylsilylooxide), and said second compound is silicon [di(1,6-diphenyl-2,3-naphthalocyanine)] [di(2,3-tert-butylphthalocyanine] bis(dimethylhexylvinylsilylooxide).
38. (Previously added) A fluorescent particle according to claim 30, wherein said first compound is silicon phthalocyanine bis(dimethylhexylvinylsilylooxide), and said second compound is silicon [di(2,3-naphthalocyanine)] [di(1,4-diphenylphthalocyanine] bis(dimethylhexylvinylsilylooxide).
39. (Previously added) A fluorescent particle according to claim 30, wherein said first compound is silicon phthalocyanine bis(dimethylhexylvinylsilylooxide), and said second compound is silicon [di(1,6-diphenyl-2,3-naphthalocyanine)] diphthalocyanine bis(dimethylhexylvinylsilylooxide).
40. (Previously added) A fluorescent particle according to claim 30, wherein said first compound is silicon phthalocyanine bis(dimethylhexylvinylsilylooxide), and said second compound is silicon [di(1,6-diphenyl-2,3-naphthalocyanine)] [di(2,3-dicyanophthalocyanine)] bis(dimethylhexylvinylsilylooxide).
41. (Previously added) A fluorescent particle according to claim 30, wherein said first compound is silicon phthalocyanine bis(dimethylhexylvinylsilylooxide), and said second compound is silicon 2,3-naphthalocyanine bis(dimethylhexylvinylsilylooxide).
42. (Previously added) A fluorescent particle according to claim 30, wherein said first compound is silicon phthalocyanine bis(dimethylhexylvinylsilylooxide), and said second compound is silicon [di(1,6-diphenylnaphthalocyanine)] diphthalocyanine bis(dimethylhexylvinylsilylooxide).
43. (Previously added) A fluorescent particle according to claim 30, wherein said particle further comprises an antibody.
44. (Previously added) A fluorescent particle according to claim 30, wherein said particle further comprises a nucleic acid.
45. (Previously added) A fluorescent particle according to claim 30, wherein the size of said particle is between 0.1 nm and 5000 nm.

071949-2404

Patent

46. (Previously added) A fluorescent particle according to claim 37, wherein the size of said particle is between 1 nm and 1000 nm.

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